

FEDERAL ITEM IDENTIFICATION GUIDE

INTERFACE UNIT, DATA TRANSFER

ITEM NAME CODE

41846

This Reprint replaces FIIG A502F, dated: April 4, 2003.



Commander

Defense Logistics Information Service

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

SECTION I

MRC	Mode Code	Requirements
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NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code applicable to this FIIG. (e.g., NAMED41846*)

APHA	J	OPERATING VOLTAGE IN VOLTS
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Definition: THE AMOUNT OF OPERATING VOLTAGE, EXPRESSED IN VOLTS.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., APHAJA110.0*; APHAJB110.0\$\$JC220.0*)

<u>REPLY CODE</u>

A
B
C

<u>REPLY (AC20)</u>

NOMINAL
MINIMUM
MAXIMUM

AJSS	J	FREQUENCY IN HERTZ
------	---	--------------------

Definition: THE CYCLES PER SECOND/HERTZ/OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AJSSJA60.0*; AJSSJB47.0\$\$JC440.0*)

<u>REPLY CODE</u>

A
B
C

<u>REPLY (AC20)</u>

NOMINAL
MINIMUM
MAXIMUM

ASDK	J	WATTAGE RATING IN WATTS
------	---	-------------------------

Definition: THE RATED POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE, MEASURED IN WATTS.

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Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASDKJA25.0*; ASDKJB15.0\$\$JC60.0*)

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CYEC D INTERFACE TYPE

Definition: INDICATES THE TYPE OF INTERFACE(S) AVAILABLE FOR INPUT/OUTPUT COMMUNICATIONS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CYECDDW*; CYECDGZ\$\$DHC*)

<u>REPLY CODE</u>	<u>REPLY (AE79)</u>
DW	BNC
GS	CENTRONICS
GT	DB9
GU	DB15
GV	DB25 FEMALE
GW	DB25 MALE
GX	DEC 425
GY	DIN
JD	EDGE CONNECTOR
JC	IDE
GZ	IEEE 488
HA	RJ11
HB	RJ45
HC	RS 232C
<i>HD</i>	<i>RS 422</i>
<i>JN</i>	<i>USB</i>
HE	1553

CYEF * A CARTRIDGE QUANTITY ACCOMMODATED

Definition: THE NUMBER OF CARTRIDGE(S) THAT THE ITEM CAN ACCOMMODATE.

Reply Instructions: Enter the numeric value. (e.g., CYEFA2*)

CPLR D UNIT DESIGN

Definition: THE DESIGN OF THE UNIT.

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Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPLRDFVC*; CPLRDFVC\$\$DAJR*)

<u>REPLY CODE</u>	<u>REPLY (AK54)</u>
FVC	DESK TOP
AJR	PORTABLE
FVE	RACK MOUNTED

ABHP * J OVERALL LENGTH

NOTE: Refer to Appendix B, Reference Drawing Group A orientation illustration for the appropriate reply.

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA3.500*; ABHPJAB2.500\$\$JAC3.000*; ABHPJLA112.5*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABKW * J OVERALL HEIGHT

NOTE: Refer to Appendix B, Reference Drawing Group A orientation illustration for the appropriate reply.

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAC2.750*; ABKWJAB2.000\$\$JAC2.750*; ABKWJLA112.7*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES

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L

MILLIMETERS

Table 2

REPLY CODE

REPLY (AC20)

A

NOMINAL

B

MINIMUM

C

MAXIMUM

ABMK * J OVERALL WIDTH

NOTE: Refer to Appendix B, Reference Drawing Group A orientation illustration for the appropriate reply.

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.385*; ABMKJAB1.250\$\$JAC1.500*; ABMKJLA151.3*)

Table 1

REPLY CODE

REPLY (AA05)

A

INCHES

L

MILLIMETERS

Table 2

REPLY CODE

REPLY (AC20)

A

NOMINAL

B

MINIMUM

C

MAXIMUM

FEAT * G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

TEST * J TEST DATA DOCUMENT

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Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE code, a dash, and the document identification number. (e.g., TESTJA12345-CWX654321*; TESTJA12345-654321\$\$JB55566\N66354*; TESTJA12345-654321\$JB55566-663654*)

<u>REPLY CODE</u>	<u>REPLY (AC28)</u>
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "nominal", etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc; excludes any specification, standard, or other document that may be referenced in a basic governing drawing.)

ZZZK * J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

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(e.g., ZZZKJT81337-30642B*;
ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;
ZZZKJP80205-NAS1103*;
ZZZKJS81349-MIL-C-1140C/CE/*;
ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
<i>B</i>	<i>NATIONAL STD/SPEC</i>
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZT * J NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1 followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1;
ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)*

ZZZY * G REFERENCE NUMBER DIFFERENTIATING
CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

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CRTL * A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAACKJA*; CRTLAACKJA\$\$ACSGS*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

PRPY * A PROPRIETARY CHARACTERISTICS

NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA\$\$ACSGS*)

NHCF * D NUCLEAR HARDNESS CRITICAL FEATURE

NOTE: If the Criticality Code is E, H, or M, reply to MRC NHCF.

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

Reply Instructions: Enter the reply code from the table below. (e.g., NHCFCY*)

REPLY CODE
CY

REPLY (AD05)
HARDENED

ELRN * G EXTRA LONG REFERENCE NUMBER

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		<p>Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.</p> <p>Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).</p> <p>If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).</p> <p>In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.</p>
CLQL *	G	<p>COLLOQUIAL NAME</p> <p>Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)</p>
AGAV *	G	<p>END ITEM IDENTIFICATION</p> <p>Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.</p> <p>Reply Instructions: Enter the applicable reply in clear text.</p> <p>(e.g., AGAVG3930-00-000-0000*;</p> <p>AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)</p>
PRMT *	D	<p>PRECIOUS MATERIAL</p> <p>Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.</p> <p><i>Reply Instructions: Enter the applicable Reply Code from <u>Appendix A</u>, Table 2. (e.g., PRMTDAGA000*; PRMTDAUA000\$\$DAGA000*; PRMTDAGA000\$DAUA000*)</i></p>
PMWT *	J	<p>PRECIOUS MATERIAL AND WEIGHT</p> <p>Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.</p>

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Reply Instructions: Enter the applicable Reply Codes from Appendix A, Table 2 and the table below, followed by the numeric value. Enter multiple replies in Appendix A, Table 2 sequence. (e.g., PMWTJPTA000F0.780; PMWTJAUA000F0.500\$\$JAGA000R0.780*)*

REPLY CODE

E
R
F

REPLY (AG14)

GRAINS, TROY
GRAMS
OUNCES, TROY

PMLC * J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 2, followed by the location in clear text.

(e.g., PMLCJAUA000TERMINALS*;

PMLCJAGA000TERMINALS\$\$JAGA000INTERNAL SURFACES*;

PMLCJAGA000TERMINALS\$JAGA000INTERNAL SURFACES*)

CXCY * G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

Reply Tables

Table 1 - NONDEFINITIVE SPEC/STD DATA..... 17

Table 2 - PRECIOUS MATERIALS..... 18

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Table 1 - NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
<i>BA</i>	<i>IMAGE COLOR</i>
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
<i>AA</i>	<i>MARKER</i>
ML	MATERIAL
<i>BB</i>	<i>MAXIMUM DENSITY</i>
MH	MESH
ME	METHOD
<i>BC</i>	<i>MINIMUM DENSITY</i>

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 2 - PRECIOUS MATERIALS

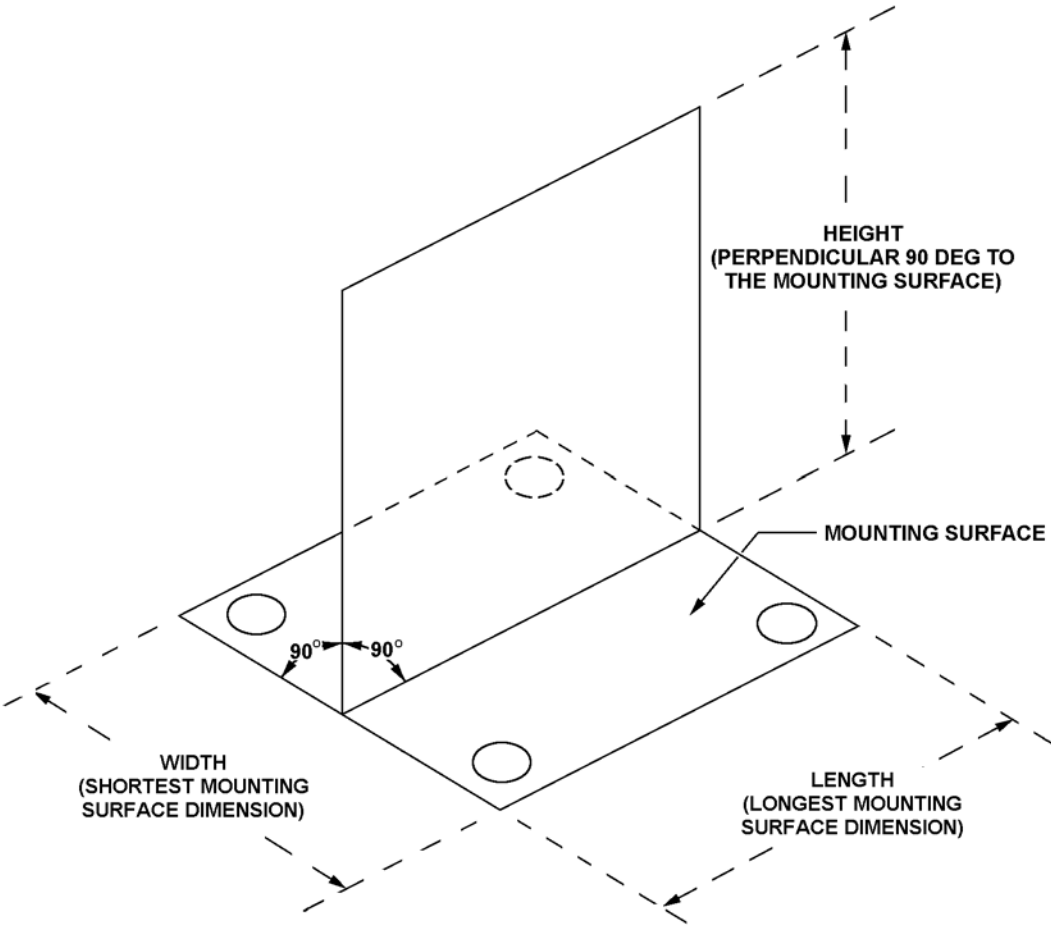
<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Reference Drawing Groups

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REFERENCE DRAWING GROUP A

ITEM ORIENTATION INSTRUCTIONS AND ILLUSTRATIONS



FIIG Change List

FIIG Change List, Effective July 3, 2009

Added reply code JN- USB to MRC CYEC.

Added reply codes BA- IMAGE COLOR; AA- MARKER; BB- MAXIMUM DENSITY; and BC- MINIMUM DENSITY to Appendix A., Table 1.

Added reply code B- NATIONAL STD/SPEC to MRC ZZZK

APPENDIXC

